

MTH110

(Mathematical Foundations for Business Analysis)

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Sec. 05; Bliss 305; 9:00-9:50 MWF

Sec. 02; Washburn 220; 10:00-10:50 MWF

Office Hours: 11:00-11:50 MWF

MTH 110 covers the following topics: equations of first and second degree, inequalities, exponential and logarithmic functions. The course emphasizes business applications and provides an introduction to linear algebra and matrices. There will also be an introduction to spreadsheets as well as some basic linear programming time permitting.

The course is designed for students who want to strengthen their background in math before BAC 120.

Not for credit for mathematics majors and not for general education credit.

MTH110, section 01, MWF 8:00 - 8:50 am, Washburn Hall, room 309

TEXTBOOK: "Applied Mathematics" by Soo T. Tan, Brooks Cole; 5th edition, 2008.
ISBN-10: 0495559679; **ISBN-13:** 978-0495559672

Course Objectives and Goals:

The goal of MTH 110 is to prepare you for further courses in mathematical analysis for business, especially BUS 111. This course does NOT satisfy general education requirements since it is expected that you will take a subsequent course that does.

Calculators:

A calculator (with memory, such as TI-83) is required. Technology will play an important role in this course and we will make extensive use of calculators; please, don't forget to bring your calculator to each class.

Attendance:

Because of the high level of knowledge that will be imparted and assessed during class time, attendance is highly recommended.

Students not attending courses in which they enrolled have the obligation to drop those

courses before the drop deadline. Names of students who are absent from the first and second class meetings of a course and **who do not notify the course instructor of their intention to attend future class meetings** will be submitted to the Office of Enrollment Services for deletion from the class roster. Students who expect to be absent from classes or examinations for University sanctioned events shall discuss this with the instructor at least one week in advance of the sanctioned event(s).

Expectations:

I expect that you will give this course 6-7 hours per week, in addition to class time. This is an approximate figure of course, but don't assume that you can spend less time than this and still get a grade you'll like. The key to success in this course is the homework material. It is very important that you try all the assigned problems. The problems assigned for each textbook section indicate what I feel is important in that section and which ideas and skills you should focus on. If you want to learn the material in this course, you will do the homework. **However, I will always begin class by answering all questions pertaining to homework attempted!**

In my experience many students forget or simply don't think to read the textbook in introductory math courses. These students are missing out since reading the material before it is covered in class is one of the best ways to learn. If you read and think about the material before class time, then, during the lecture, you will know what you have the most trouble with and hopefully ask questions on that material. For this reason there may be assigned readings and summaries/essays as a part of the course homework during critical sections.

An important part of this course is strengthening your algebra skills and using them in new ways. Be prepared to review basic algebra as needed.

Make-up Exams:

Makeup exams will only be given to students with an acceptable excuse. The only acceptable excuses are religious holy day, family emergency, school sponsored event, job interviews, or sickness. All absences require documentation. For example, sickness, a doctor's note. You must let me know before the exam that you will not be able to take the exam in order to be given a makeup exam. All other absences will be given a zero for that exam. No exceptions! Makeup exams will be given at a time that is convenient for both you and me.

Accommodations:

Students who require accommodations and who have documentation from Disability Services (874-2098) should make arrangements with me as soon as possible. As part of this process, please be in touch with Disability Services for Students Office at 330 Memorial Union.

Weather phone number: (401) 874-snow or 874-7669.